

Electronic Filing System (EFS) Data  
Electronic Patent Application Submission  
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EFS ID: 16717  
Application ID: 10064571  
Title of Invention: Megasonically Energized Liquid Interface Apparatus and Method  
First Named Inventor: B. Cawfield  
Domestic/Foreign Application: Domestic Application  
Filing Date: null  
Effective Receipt Date: 2002-07-26  
Submission Type: Utility Patent Filing  
Filing Type: new-utility  
Confirmation Number: 0  
Attorney Docket Number: P-B021  
Digital Certificate Holder: cn=Jeffrey Thomas Hubbard, ou=Registered Attorneys, ou=Patent and Trademark Office, ou=Department of Commerce, o=U.S. Government, c=US  
Certificate Message Digest: 4M9dB09YCQVLmaDWxx/0mQ==  
Total Fees Authorized: \$511.0  
Payment Category: DA - Deposit Account  
Deposit Account Number: 502358  
Deposit Account Name: Jeffrey T. Hubbard

# TRANSMITTAL FORM



Electronic Version 1.0.3

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Submission Type: Utility Patent  
Filing

Attorney Docket  
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P-  
B021

## Megasonically Energized Liquid Interface Apparatus and Method

First Named Inventor: Mr. B. Gene Cawfield

### SUBMITTED BY

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### Attached Files:

declaration	Declaration_1.tif
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bibd-transmittal	PB021apds.xml
specification	Specification.xml

fee-transmittal

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Attached Image File(s):

Declaration\_1.tif

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	<b>First Named Inventor</b>	B. Gene Cawfield
	<b>COMPLETE IF KNOWN</b>	
	<b>Application Number</b>	/
	<b>Filing Date</b>	
	<b>Group Art Unit</b>	
	<b>Examiner Name</b>	

As a below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Megasonically Energized Liquid Interface Apparatus and Method

(Title of the Invention)

the specification of which

☒ is attached hereto

OR

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as United States Application Number or PCT International

Application Number

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(if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
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☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date (MM/DD/YYYY)	<input type="checkbox"/> Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

[Page 1 of 2]

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NAME OF SOLE OR FIRST INVENTOR :			<input type="checkbox"/> A petition has been filed for this unsigned inventor		
Given Name (first and middle (if any))			Family Name or Surname		
B. Gene			Cawfield		
Inventor's Signature			Date		
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Authorized Name: Jeffrey T. Hubbard  
Electronic Signature Mark: Jeffrey T. Hubbard  
Date Signed: 20020726

Fee Description	Fee Code	Fee Paid
Utility Filing Fee	201	\$ 370

	Fee Code	Fee	Extra Claims	Fee Paid
Total Claims: 31	203	\$ 9	11	\$ 99
Independent Claims: 4	202	\$ 42	1	\$ 42

Page 1 of 1